

Claims:

We claim:

1. A computer system comprising:
an object for receiving ink; and
one or more objects referenced by said object, wherein said object controls the display of said objects,
wherein at least one of said objects is not ink-enabled alone, but is ink-enabled when contained by said object.
2. The system according to claim 1, wherein said object is an ink canvas object.
3. The system according to claim 1, wherein said object renders said one or more objects then renders any ink on top of the last rendered object.
4. The system according to claim 1, wherein said object intermixes the layering of ink and one or more objects.
5. The system according to claim 1, wherein said object renders ink then renders one or more objects on top of the rendered ink.
6. The system according to claim 1, wherein said object includes one or more behaviors.
7. The system according to claim 1, wherein said object includes at least one method.
8. The system according to claim 1, wherein said object includes at least one property.
9. The system according to claim 1, wherein said object includes at least one event.
10. A process comprising the steps of:
housing one or more objects in an object, said object providing ink functionality;
rendering said one or more objects; and
rendering ink on top of said one or more objects.
11. The process according to claim 10, further comprising the step of:
modifying a property of said object.
12. The process according to claim 10, further comprising the step of:
throwing an event by said object.
13. The process according to claim 10, further comprising the step of:

performing a method associated with said object.

14. A computer-readable medium having a computer-executable program stored thereon, said program comprising the steps of:

housing one or more objects in an object, said object providing ink functionality;

rendering said one or more objects; and

rendering ink on top of said one or more objects.

15. The computer-readable medium according to claim 14, said program further comprising the step of:

modifying a property of said object.

16. The computer-readable medium according to claim 14, said program further comprising the step of:

throwing an event by said object.

17. The computer-readable medium according to claim 14, said program further comprising the step of:

performing a method associated with said object.

18. A system comprising:

means for housing one or more objects in an object, said object providing ink functionality;

means for rendering said one or more objects; and

means for rendering ink on top of said one or more objects.

19. The system according to claim 18, further comprising:

means for modifying a property of said object.

20. The system according to claim 18, further comprising:

means for throwing an event by said object.

21. The system according to claim 18, further comprising:

means for performing a method associated with said object.

22. A process comprising the steps of:

housing one or more objects in an object, said object providing ink functionality;

one or more objects rendering themselves; and

rendering ink on top of said one or more objects.

23. The process according to claim 22, further comprising the step of:

modifying a property of said object.

24. The process according to claim 22, further comprising the step of:

throwing an event by said object.

25. The process according to claim 22, further comprising the step of:
performing a method associated with said object.

26. A computer-readable medium having a computer-executable program stored thereon, said program comprising the steps of:

housing one or more objects in an object, said object providing ink functionality;
one or more objects rendering themselves; and
rendering ink on top of said one or more objects.

27. The computer-readable medium according to claim 26, said program further comprising the step of:

modifying a property of said object.

28. The computer-readable medium according to claim 26, said program further comprising the step of:

throwing an event by said object.

29. The computer-readable medium according to claim 26, said program further comprising the step of:

performing a method associated with said object.

30. A system comprising:

means for housing one or more objects in an object, said object providing ink functionality;

means for one or more objects rendering themselves; and

means for rendering ink on top of said one or more objects.

31. The system according to claim 30, further comprising:
means for modifying a property of said object.

32. The system according to claim 30, further comprising:
means for throwing an event by said object.

33. The system according to claim 30, further comprising:
means for performing a method associated with said object.

34. A process comprising the steps of:

housing one or more objects in an object, said object providing ink functionality;
rendering ink; and

one or more objects rendering themselves so that they are intermixed with the rendering of said ink.

35. A computer-readable medium having a computer-executable program stored thereon, said program comprising the steps of:

housing one or more objects in an object, said object providing ink functionality;
rendering ink; and

one or more objects rendering themselves so that they are intermixed with the rendering of said ink.

36. A system comprising:

means for housing one or more objects in an object, said object providing ink functionality;

means for rendering ink; and

means for one or more objects rendering themselves so that they are intermixed with the rendering of said ink.

37. A computer system comprising:

an object for receiving ink, wherein said object may be hosted in a tree-based organizational structure.

38. A computer system comprising:

an object for receiving ink, wherein said object may be written in a markup language.

39. A computer system comprising:

an object for receiving ink; and

one or more objects referenced by said object,

wherein said object includes ink recognition functionality.

40. A computer system comprising:

an object for receiving ink; and

one or more objects referenced by said object,

wherein said object includes extensible editing functionality.

41. A computer system comprising:

an object for receiving ink; and

one or more objects referenced by said object,

wherein said object may be accessed by applications using an application programming interface.